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An Enumeration of the Plants Collected by Dr. H. H. Rusby in  
South America, 1885-1886.—IX.

(Continued from p. 262.)

*GALACTIA MONTANA*, spec. nova. Procumbens vel adscendens; ramulis elongatis, molliter pubescentibus; foliolis 3, oblongis, obtusis, emarginatis, subter pilosis, supra glabratiss vel minute tuberculatis; racemis axillaribus, folio brevioribus, paucifloris; flores 13 mm. lat.; calycis laciniis tubo æquantibus; leguminibus sericeis, 2-3 cm. longis. Sorata, 8,000 ft. (972). The same as Mandon's No. 742.

*Cratylia floribunda*, Benth. Ann. Mus. Vind. ii. 132. Beni River. (1330).

*Canavalia ensiformis* (L.), DC. Prodr. ii., 404. Mapiri, 5,000 ft. (1328 and 2858); Guanai, 2,000 ft. (2369).

*Dioclea lasiocarpa*, Mart. in Benth. l. c. 133. Guanai, 2,000 ft. (1327); Mapiri, 5,000 ft. (2357).

*Dioclea*, a species resembling the last but with flowers twice as large and leaves nearly smooth. Yungas. (1325).

*Dioclea reflexa*, Hook. f. Niger Flora, 306. Unduavi, 8,000 ft. (2397).

*Phaseolus ovatus*, Benth. l. c. 139. Junction of the Rivers Beni and Madre de Dios. (1337).

*Phaseolus campestris*, Mart. in Benth. l. c. 141. Guanai, 2,000 ft. (2367). Referred to this species with some doubt.

*Phaseolus erythroloma*, Mart. in Benth. l. c. Unduavi, 8,000 ft. (2368).

*Phaseolus peduncularis*, HBK. Nov. Gen. vi. 447. Junction of the Rivers Beni and Madre de Dios. (1339).

*PACHYRHIZUS BULBOSUS* (L.). (*Dolichos bulbosus*, L. Spec. Pl. 1021; *P. angulatus*, Rich). Beni River. (1326). An entire leaved form referred to this species with some hesitation.

*Cajanus Indicus*, Spreng. Syst. Veg. iii. 248. Mapiri, 5,000 ft. (2360).

*DALBERGIA FRUTESCENS* (Vell.) (*Pterocarpus frutescens*, Vell. Fl. Flum. vii. t. 96; *D. variabilis*, Vogel). Guanai, 2,000 ft. (2532).

*Machærium angustifolium*, Vogel, Linnæa, xi. 193. Guanai, 2,000 ft. (1324); Yungas, 4,000 ft. (2366).

*Machærium sordidum*, Benth. in Mart. Fl. Bras. xv. Part I. 241?

- Guanai, 2,000 ft. (2361). Compared with Claussen, 139 in Herb. Kew, and apparently the same.
- Machærium acuminatum*, HBK. l. c. 391. Guanai, 2,000 ft. (1321 and 1322).
- Machærium*, species undetermined. Falls of the Madeira. (1323).
- Pterocarpus Rohrii*, Vahl. Symb. ii. 79. Falls of the Madeira. (2401).
- Pterocarpus violaceus*, Vogel. Linnæa, xi. 416. Junction of the Beni and Madre de Dios. (2359).
- Lonchocarpus macrocarpus*, Benth. Journ. Linn. Soc. iv. Suppl. 91. Guanai, 2,000 ft. (1329).
- Lonchocarpus*, species undetermined. Junction of the Beni and Madre de Dios. (2362).
- Derris Negrensis*, Benth. in Mart. Fl. Bras. l. c. 289. Reis, 1,500 ft. (2374). A form or variety with paniced inflorescence.
- Andira inermis* (Sw.), HBK. Nov. Gen. vi. 385. Falls of the Madeira, Brazil. (2353).
- Sophora macrocarpa*, Smith in Rees Cycl. 6. Unduavi, 8,000 ft. (2364).
- TOUNATEA ARBORESCENS (Aubl). (*Possira arborescens*, Aubl. Pl. Gui. ii. 934 (1775); *Rittera triphylla*, Sw. Prodr. 82, (1788); *Swartzia triphylla*, Willd.) Junction of the Rivers Beni and Madre de Dios. (1320).
- TOUNATEA FUGAX (Spruce). (*Swartzia fugax*, Spruce, in Mart. Fl. Bras. xv. Pars 11. 30). Guanai, 2,000 ft. (1319).
- Cæsalpinia pectinata*, Cav. in DC. Cat. Hort. Monspel. 84. Tacna, Chili (2358).
- Cassia bacillaris*, L. f. Suppl. 231. Reis, 1,500 ft. (2400).
- Cassia affinis*, Benth. in Mart. Fl. Bras. xv. (II.), 98. Yungas, 6,000 ft. (837). Specimens referred to this species with some hesitation.
- Cassia bicapsularis*, L. Spec. Pl. 538. Mapiri, 2,500 ft. (988).
- Cassia occidentalis*, L. l. c. 539. Reis, 1,500 ft. (983).
- Cassia trachypus*, Mart. Fl. Bras. xv. (II.) 122. Mapiri, 2,500 ft. (986).
- Cassia atomaria*, L. l. c. 540. Near La Paz, 10,000 ft. (1042).
- Cassia leiophylla*, Vog. var. (?) *pubescens*, Benth. in Herb. Kew, Guanai, 2,000 ft. (987).

- Cassia emarginata*, Clos in C. Gay, Fl. Chil. ii. 235. Near Valparaíso, Chili (979).
- Cassia tomentosa*, L. f. l. c. Near La Paz, 10,000 ft. (981). Yungas, 6,000 ft. (989).
- Cassia latipetiolata*, Domb. in Vogel Syn. Cass. 70. Tacna, Chili (982); Near La Paz, 10,000 ft. (980).
- Cassia pilifera*, Vogel, l. c. 23. Mapiri, 5,000 ft. (984).
- Cassia Chamæcrista*, L. l. c. 542. Guanai, 2,000 ft. (2854).
- Cassia flavicoma*, HBK. Nov. Gen. vi. 366. (1021).
- Bauhinia longifolia* (Bong.), Steud. Nom. and in Benth. in Mart. l. c. 192. Falls of the Madeira, Brazil, (951).
- Bauhinia inermis* (Cav.), Pers. Ench. i. 455. Reis, 1,500 ft. (950).
- BAUHINIA* RUSBYI, spec. nova. Sectio Pauletia. Foliis majusculis, ad  $\frac{3}{4}$  bilobis; lobis lanceolatis, coriaceis, obtusis, divergentibus, 5-7 nervis, subtus dense pubescentibus, venis prominentibus, supra glabris, nitidis; ramuli tereti, pubescenti, aculeati; petala anguste linearia, 1 cm. longi; racemi elongati; petioli 2 cm. longi; calycis tubus 1 cm. longus; legumen 10-12 cm. longum, 1 cm. latum, minutissime pubescens, stipite 1 cm. longe. Guanai, 2,000 ft. (946). Apparently nearest to *B. longifolia*.
- Bauhinia splendens*, HBK. Nov. Gen. vi. 319. Falls of the Madeira, Brazil (948).
- Bauhinia Langsdorfiana*, Bong. Mem. Acad. St. Petersburg. vi. (IV.). Guanai, 2,000 ft. (947 and 952). Presumably this species, but collected in fruit only.
- Bauhinia*, species undetermined. Junction of the Beni and Madre de Dios (949).
- Bauhinia*, species undetermined, not matched at Kew and probably undescribed. Reis, 1,500 ft. (945). Not sufficiently studied; possibly to be referred to another genus.
- Copaifera Langsdorfii*, Desv. Mem. Mus. Paris, vii. 377. Falls of Maderia, Brazil. (1009).
- Piptadenia communis*, Benth. Hook. Journ. Bot. iv. 337. Guanai, 2,000 ft. (1306; 1307; 1308).
- Piptadenia*, a species somewhat related to the last, collected only in fruit. Guanai, 2,000 ft. (1317).
- Piptadenia colubrina* (Vell.), Benth. l. c. 341. Yungas, 6,000 ft. (1305, in flower) Guanai, 2,000 ft. (1331, in fruit).

- Mimosa albida*, Kunth, Mim. t. I. Guanai, 2,000 ft. (1297); Yungas, 4,000 ft. (1303). A thornless form.
- Mimosa floribunda*, Wild. Sp. Pl. iv. 1031. Falls of the Madeira, Brazil (1298). Apparently this species.
- Mimosa asperata*, L. l. c. 1507. Falls of Madeira, Brazil (1302) Guanai, 2,000 ft. (1301).
- Mimosa rufescens*, Benth. in Mart. l.c. 362. Mapiri, 2,500 ft. (1304).
- Mimosa Boliviana*, Benth. Trans. Linn. Soc. xxx. 396. Yungas, 6,000 ft. (1300); Guanai, 2,000 ft. (1311).
- Mimosa Soratensis*, Benth. l. c. 427. Sorata, 10,000 ft. (1299).
- Acacia Cavenia* (Mol.), H. & A. Bot. Beech. 21. Valparaiso, Chili (953).
- Acacia Farnesiana* (L.), Willd. Sp. Pl. iv. 1083. Sorata 8,000 ft. (2371).
- ACACIA LUTEA (Mill). (*Mimosa lutea*, Mill. Dict. No. 18; *A. macracantha*, Humb. & Bonpl. in Willd, l. c. 1080). Junction of the Beni and Madre de Dios (2373).
- Acacia*, ? sp. Yungas, 6,000 ft. (2372).
- CALLIANDRA BOLIVIANA, spec. nova. Sect. Macrophyllæ. Foliola 3-juga, terminalia oblique-ovata, obtuse acuminata, mucronulata, 8-12 cm. longa, 4-nervia, inferiora ovato-rhomboidea, 4-6 cm. longa; petiola 2-4 cm. longa; pedunculi 3 cm.; calyx 3 mm., corolla 8 mm. longa, striata; legumen glabrum, 12 cm. long., 8 mm. lat. Guanai, 2,000 ft. (1314); Mapiri 2,500 ft. (1315).
- Nearly related to *C. Guildingii*, Benth. of the West Indies.
- Calliandra* ? Mapiri, 5,000 ft. (1316). Collected only in fruit. Very similar to if not identical with Glaziov's No. 8451 in Herb. Kew, from vicinity of Rio Janeiro. Also collected only in fruit.
- Pithecolobium latifolium*, (L.), Benth. in Hook. Lond. Journ. Bot. iii. 214. Junction of the Beni and Madre de Dios (1313).
- Pithecolobium trapezifolium*, (Vahl), Benth. l. c. 204. Guanai, 2,000 ft. (1318).
- Pithecolobium Saman* (Jacq.), Benth. l. c. 216. Yungas, 6,000 ft. (2363).
- Pithecolobium divaricatum*, Benth. l. c. 213. Junction of the Beni and Madre de Dios (2507).
- Pithecolobium* ? Guanai, 2,000 ft. Specimens too fragmentary for determination (2567).